

Title (en)
TRANSFORMER

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Abstract (en)
[origin: WO2006033071A1] The invention relates to a transformer (12) with a planar primary winding and a planar secondary winding. In order to support the heat dissipation during operation, each winding is integrated on a substrate in at least one dedicated PCB (30, 40). The PCBs (30, 40) are separated from each other by a non-ferromagnetic and electrically insulating material (50). The material: (50) transfers heat better than the substrates. The invention relates equally to an apparatus comprising such a transformer (12).

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See references of WO 2006033071A1

Citation (examination)
QUINN C ET AL: "A review of planar magnetic techniques and technologies", APEC 2001. 16TH. ANNUAL IEEE APPLIED POWER ELECTRONICS CONFERENCE AND EXPOSITION. ANAHEIM, CA, MARCH 4 - 8, 2001; [ANNUAL APPLIED POWER ELECTRONICS CONFERENCE], NEW YORK, NY : IEEE, US, vol. 2, 4 March 2001 (2001-03-04), pages 1175 - 1183, XP010536139, ISBN: 978-0-7803-6618-3, DOI: 10.1109/APEC.2001.912514

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